

PowerWind	Power Curve	PI PW60 PowerCurveCalculated de 02	
Date: 29/02/2016	PowerWind 60	Revision: 2	Page: 1/4

PowerWind

Power Curve

PowerWind 60

PowerWind Ltd
3rd Floor G.L.Business Centre,
Opposite Udyog Vihar Phase I
Old Delhi-Gurgaon Road
Dundaheada,Gurgaon ,
Haryana-122016,INDIA

PowerWind	Power Curve	PI PW60 PowerCurveCalculated de 02	
Date: 29/02/2016	PowerWind 60	Revision: 2	Page: 2/4

Version	Date	Comment	Prepared by	Approved by	Released by
0	27.08.2010	New Document	MDO	FRFI	KPO
1	17.11.2010	New measures	RDI	THKO	CADI
2	25.11.2010	New Ct measures	RDI	THKO	CADI

PowerWind	Power Curve	PI PW60 PowerCurveCalculated de 02	
Date: 29/02/2016	PowerWind 60	Revision: 2	Page: 3/4

Power Curve PowerWind 60

Basis:

The present power curve values are calculated on the basis of aerodynamic data.

Boundary conditions:

Air density: 1.225 kg/m³

Turbulence intensity: 10%

System data:

Rated power: 900 KW

Rotor diameter: 60 m

Rated wind speed: ca. 10.2 m/s

Wind Speed v [m/s]	Power Output P el [kW]
3	16.0
3,5	32.0
4	53.0
4,5	79.0
5	116.0
5,5	161.0
6	218.0
6,5	273.5
7	330.0
7,5	390.5
8	455.0
8,5	535.5
9	647.0
9,5	755.0
10	860.0
10,5	902.0
11	902.0
11,5	902.5
12	902.0
12,5	902.0
13	902.0
13,5	902.0

PowerWind	Power Curve	PI PW60 PowerCurveCalculated de 02	
Date: 29/02/2016	PowerWind 60	Revision: 2	Page: 4/4

